

UNITED STATES DEPARTMENT OF COMMERC United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

2292

7590

12/12/2006

BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747 EXAMINER

ERDEM, FAZLI

ART UNIT PAPER NUMBER

2826

DATE MAILED: 12/12/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/024.178	12/21/2001	Jae Young Chung	2658-0277P	4389

TITLE OF INVENTION: LIQUID CRYSTAL DISPLAY DEVICE AND FABRICATING METHOD THEREOF

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0 .	\$1700	03/12/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This appropriate. All further indicated unless correct maintenance fee notifica	form should be used for correspondence including below or directed of tions.	for transmitting the ISS ng the Patent, advance of nerwise in Block 1, by	UE FEE and PUBLICATI orders and notification of r (a) specifying a new corres	ON FEE (if require naintenance fees will pondence address; as	d). Blocks I through 5 sl be mailed to the current and/or (b) indicating a separate	hould be completed where correspondence address as trate "FEE ADDRESS" for
		lock 1 for any change of address)	Fee(s) Transmittal. This c ers. Each additional p	certificate cannot be used f	r domestic mailings of the or any other accompanying nt or formal drawing, must
PO BOX 747	7590 12/12 ART KOLASCH CH, VA 22040-0747			Certif	icate of Mailing or Trans	mission deposited with the United t class mail in an envelope above, or being facsimile ate indicated below.
						(Depositor's name)
					·	(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	A	TTORNEY DOCKET NO.	CONFIRMATION NO.
10/024,178	12/21/2001		Jae Young Chung		2658-0277P	4389
TITLE OF INVENTION	: LIQUID CRYSTAL D	ISPLAY DEVICE AND	FABRICATING METHO	O THEREOF		
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE F	EE TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	03/12/2007
EXAM	INER	ART UNIT	CLASS-SUBCLASS		•	
ERDEM	, FAZLI	2826	349-038000			
Address form PTO/SI "Fee Address" ind PTO/SB/47; Rev 03-0 Number is required.	ication (or "Fee Address 2 or more recent) attach	" Indication form led. Use of a Customer	(1) the names of up to or agents OR, alternative (2) the name of a single registered attorney or a 2 registered patent attolisted, no name will be	vely, e firm (having as a m gent) and the names meys or agents. If no printed.	ember a 2of up to	
PLEASE NOTE: Uni recordation as set fort (A) NAME OF ASSIG	less an assignee is ident h in 37 CFR 3.11. Comp GNEE	ified below, no assigned pletion of this form is NO	(B) RESIDENCE: (CITY	atent. If an assignee assignment. and STATE OR CO	UNTRY) .	ocument has been filed for
Please check the appropr	iate assignee category or	categories (will not be p	printed on the patent):	Individual U Corp	oration or other private gro	oup entity Government
•	are submitted: Io small entity discount p # of Copies	permitted)	 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). 			
5. Change in Entity Star	•	•				
	s SMALL ENTITY statu d Publication Fee (if reque cords of the United Sta	uired) will not be accept	ed from anyone other than t	<u> </u>	ENTITY status. See 37 CI red attorney or agent; or the	FR 1.27(g)(2). The assignee or other party in
Authorized Signature	-			Date		
Typed or printed name	e		;	Registration No.		
This collection of inform an application. Confident submitting the completed this form and/or suggesti Box 1450, Alexandria, V Alexandria, Virginia 223 Under the Paperwork Red	ation is required by 37 Ctiality is governed by 35 d application form to the ons for reducing this buringinia 22313-1450. DC 13-1450. duction Act of 1995, no particular the control of th	CFR 1.311. The information U.S.C. 122 and 37 CFR USPTO. Time will varied to the sent to the NOT SEND FEES OR persons are required to respect to the sent to the se	ion is required to obtain or r 1.1.14. This collection is est y depending upon the indiv he Chief Information Office COMPLETED FORMS TO	etain a benefit by the imated to take 12 min idual case. Any common, U.S. Patent and Tr. THIS ADDRESS. Sormation unless it dis	public which is to file (and nutes to complete, includin ments on the amount of tir ademark Office, U.S. Depa SEND TO: Commissioner to plays a valid OMB control	by the USPTO to process) g gathering, preparing, and ne you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450, number.

PTOL-85 (Rev. 07/06) Approved for use through 04/30/2007.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FIL	ING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/024,178	12	2/21/2001	Jae Young Chung	2658-0277P 4389	
2292	7590	12/12/2006	·	EXAM	INER
BIRCH STEV	VART KOI	LASCH & BIRCH	ERDEM, FAZLI		
PO BOX 747			ART UNIT	PAPER NUMBER	
FALLS CHURCH, VA 22040-0747				2826 DATE MAILED: 12/12/200	6

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.